

# GREENBROOK

## INSTALLATION / OPERATING INSTRUCTIONS FOR T22HA 7 DAY MECHANICAL IMMERSION HEATER TIMER

MODEL NUMBER: T22HA-C

### IMPORTANT

**BEFORE YOU FOLLOW THE  
PROGRAMMING INSTRUCTIONS  
BELOW, YOUR GREENBROOK  
CONTROL TIMER MUST BE INSTALLED-  
BY A QUALIFIED ELECTRICIAN**



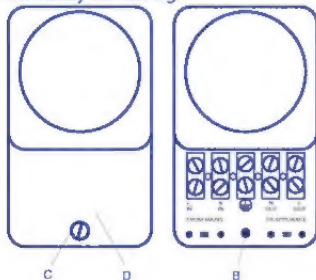
### INSTRUCTIONS

**Installation should be made by  
a qualified electrician in  
accordance with the current  
regulations.**

**THIS TIMER SHOULD NOT BE  
FITTED ONTO A CONDUCTIVE  
SURFACE (I.E METAL)**

### FIXING THE TIMER TO THE WALL

Drill two 6mm holes 97mm vertically  
apart in the wall. Insert plastic anchor  
(supplied) into holes and fit one No.6  
screw to top hole leaving a gap under  
the screw head of approximately  
4.75mm. Place the keyhole slot over  
the screw and slide the timer down; if  
the timer is loose remove it, tighten  
the screw and refit the timer.  
Continue to do this until the timer  
fits securely against the wall. Remove  
terminal cover "D" by undoing screw  
"C". Insert the second No.6 screw into  
slot "B" and tighten. Your timer is  
now ready for wiring.



### WIRING THE TIMER

Your GreenBrook timer should be  
wired from a fused spur. We  
recommend a PowerBreaker H92 RCD  
model.

**Switch off the mains and isolate  
the supply by removing the  
appropriate fuse before starting the  
installation.**

Prepare cables for connection to the  
timer, (see Diagram A).

The maximum size cable that can be  
used with this timer is 2.5mm. If flat  
twin and earth cable is used the bare  
earth cable must be fitted with  
green/yellow sleeving before fitting  
the earth terminal.

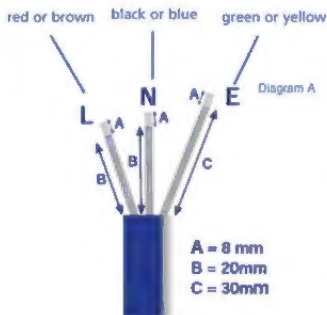
Fit the bare wire ends into the correct  
terminals (see diagram B). You must  
ensure that there are no loose strands  
left out of the terminals.

**Firmly tighten all the screws.**

Using the cable clamps and screws  
provided and ensuring the cable  
clamp is fitted the correct way round,  
tightly secure the cable into position.

Ensure the correct cable cut-outs have  
been removed in terminal cover "D"  
and refit terminal cover "D" and  
tighten screw "C".

**N.B. Check all terminal screws are  
tight.**



### OPERATING INSTRUCTIONS

Please read these instructions fully  
before attempting installation.

### SETTING THE CLOCK

Turn dial "A" (by turning with finger  
and thumb) in the direction of the  
arrows (clockwise) until the correct  
time of day is exactly  
opposite the time set marker ► in  
the centre of the dial.

### SETTING THE PROGRAMMES

To set the ON periods push all the  
sliding segments away from the centre  
of dial, between your chosen day on  
and off time. The timer will  
operate during the coloured section  
now exposed. Each slide represents 2  
hours. The timer will be in the OFF  
mode when the sliding segments are  
pushed towards the centre.  
When switch is pushed towards:

I = timer will be permanently ON

⌚ = in the centre of the slot. The  
timer will work to the set  
programme

0 = timer will be permanently OFF

### TECHNICAL DATA

Switching capacity: 230V AC  
13 Amp (resistive)  
(4 Amp inductive)

### GUARANTEE

Your GreenBrook 7 Day Mechanical  
Immersion Heater Timer is guaranteed  
for 12 months

**PLEASE KEEP THESE  
INSTRUCTIONS SAFE FOR  
FUTURE REFERENCE**

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### CE INFORMATION

ACTION TYPE: IB  
POLLUTION SITUATION: NORMAL  
CLASS 2 INSULATION: ☐  
M: MICRO-DISCONNECTION  
LIVE POLE ONLY